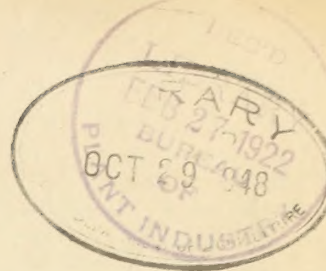


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Do not assume content reflects current  
scientific knowledge, policies, or practices.





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P6 915PL

# Check List of New Plant Introductions

Ready to be Tested by Cooperators,  
1919 - 20.

To be checked and returned to the Office of Foreign Seed  
and Plant Introduction, Department of Agriculture,  
Washington, D. C.

Please read the special notice on the reverse side of this page;

then carefully check the plants desired in the lists following, and return the lists promptly in the accompanying franked envelope. It will aid this Office in its distribution work if each experimenter will fill out the form below, and make no other notes or requests on the check lists themselves. These lists are for the use of experimenters of this Office. If you are not in a position to make use of them please return them in the accompanying envelope.

\*\*\*\*\*

Give here your permanent address for letters:

Name of experimenter:.....  
P.O.Box, }  
R.F.D.No., }  
St. and No. }  
Post Office, ..... State, .....

Do you wish plant material sent to above address?.....yes.....no  
If not, note below the *mail address* for plant material.

Name of person who will receive plants, .....  
P.O.Box, }  
R.F.D.No., }  
St. and No. }  
Post Office, ..... State, .....

Are you willing to pay expressage on the plants  
which you request?.....yes.....no  
If so, give the Express Office to which you  
wish the plants shipped.....

Are plants wanted for open ground culture?.....yes.....no  
" " " " greenhouse?.....yes.....no

When do you wish plants sent?.....  
How much land have you available for experimental planting  
and how much do you wish to devote to such planting?.....

Is this land owned or leased by you?.....



### SPECIAL NOTICE.

These CHECK LISTS represent the seeds and plants which will be distributed this season and which are supplied to applicants for planting on their own grounds or on land controlled by them.

*Unless directed not to do so*, we may substitute certain plants for others which are requested and which we cannot, for one reason or another, supply.

The Postal Regulations make it *unlawful* for this Office to send under Government frank from any one of our Plant Introduction Field Stations *more than a single four-pound package* of plants to any one person at one time.

*Applicants* must keep this in mind and *must indicate their willingness to pay express charges* on the plants they request *if they desire more than a four-pound package*.

Plants as a rule are shipped from the Field Stations from Dec. 1st to not later than May 1st. Please state on the opposite side of this sheet when you will be prepared to receive such plants as can be sent you.

Where possible, plants will be shipped from the Field Station nearest the applicant's place of residence. The plants on the list marked Yarrow are grown and will be shipped, from the Field Station in Maryland, those marked Chico from Northern California, those marked Brooksville from the Central West Florida Station, and those marked Miami from Southern Florida. The figures following the names indicate the number of plants which will be distributed this season.



Name.....

Address.....

## CHECK LIST OF

## PLANTS READY FOR DISTRIBUTION

GROWN AT THE YARROW PLANT INTRODUCTION FIELD STATION, ROCKVILLE, MD.

32706	ABIES NUMIDICA.	Algerian fir. A handsome ornamental that thrives in limestone soils at altitudes of 6,000 feet.	50
45011	ACACIA SP.	A Prosopis-like tree from Venezuela, but requiring more moisture than Prosopis.	9
47496	ACACIA SP.	An ornamental shrub or small tree from Entebbe, Uganda, with handsome foliage and cylindrical spikes or globular heads of yellow flowers.	41
45954	ACACIA CATECHU.	Medium-sized tree from the leaves of which a powerful astringent extract is prepared for use in medicine and tanning. From Cairo, Egypt.	206
46804	ACACIA CYCLOPS.	A South African plant which has proved valuable as a sand binder on the Cape Flats.	21
46805	ACACIA GIRAFFAE.	One of the few native trees in British Bechuanaland. A valuable timber tree for arid regions in the warm temperate zone.	18
42821	ACER BUERGERIANUM.	Chinese maple tree which attains a height of 25 feet.	7500
43788	ACHRADELPHA VIRIDIS.	A Guatemalan tree growing to a height of 40 feet. The yellow-green fruits, 2 to 3½ inches in diameter, are of pleasing flavor.	15
37382	ACROCOMIA SCLEROCARPA.	Macauba palm. A handsome ornamental palm from Brazil.	21
45588	ACTINIDIA CHINENSIS.	Yang tao. Deciduous, climbing vine often attaining a length of 30 feet. Fruits 1 to 2½ inches long with an excellent flavor resembling that of the gooseberry.	32
45946	ACTINIDIA CHINENSIS.	Variety of yang tao bearing fruits the size of a large-sized plum, and of good flavor.	69
47623	ACTINIDIA KOLOMITKA.	A large-growing deciduous ornamental climbing vine, suitable for trellises, etc.	816
21969	ALBIZZIA KALKORA.	Small ornamental tree from China. Leaves finely pinnate.	600
46791	ALBIZZIA WELWITSCHII.	A tropical African tree with a spreading crown. Grows to a height of 80 feet.	50
46792	ALOE LITTORALIS.	An ornamental South African shrub. Inflorescence showy.	317
42723	ANNONA SP.	A low shrub with glossy ornamental leaves and orange-red fruits about 2 inches in diameter. A good lowland hedge plant.	10
43927	ANNONA CHERIMOLA.	Cherimoya from South America; bears sweet, delicate-flavored fruits, 3 to 6 inches in diameter; tender.	33
44367	ANNONA CHERIMOLA.		9
45576	ANNONA CHERIMOLA.		165
45548	ANNONA DIVERSIFOLIA.	Ilama or Annona blanca from Guatemala. Fruit of good quality.	21
45955	ANNONA RETICULATA.	Bullock's-heart. A small thrifty tree from Colombia, South America, which bears a large sugary fruit.	7
45798	ANNONA SENEGALENSIS.	A shrub or tree from Loanda, Angola, Africa. Bears yellow or orange-colored edible fruits 1½ inches or more in diameter.	24



47214	ANNONA SENEGALENSIS.	From Southern Provinces, Nigeria, Africa. The fruits contain an aromatic, dark-red pulp, very attractive to the palate.	17
47204	ANTIDESMA BUNII.	A Philippine tree with dark-green foliage and small round berries of a subacid taste; much used for preserves; the bark yields a fiber.	54
26565	ARALIA CORDATA.	Udo. Japanese perennial plant valued for the blanched shoots obtained by forcing the mature roots. An abundance of fine attractive shoots may be secured which are excellent in salads or prepared somewhat like asparagus.	900
46969	ARGANIA SPINOSA.	A small much-branched evergreen tree from northern Africa. The fruits, the size of an olive, are fed to stock.	5
45902	ARUNDINARIA FALCATA.	A slender bamboo received from Nice, France. Grows to a height of 20 feet, but does not exceed $\frac{1}{2}$ inch in diameter.	95
44240	BAMBOS TULDA.	Tree bamboo common in Bengal, India. The gray-green culms attain a height of 20 to 70 feet and a diameter of 2 to 4 inches.	547
47224	BARLERIA CRISTATA.	A small blue-flowered shrub cultivated in the Philippines as a hedge plant.	109
47940	BAUHINIA SP.	A small bushy shrub 3 to 4 feet in height common on the dry hills of Ecuador at elevations of 4,000 feet. Valuable as an ornamental in semiarid regions.	36
46711	BERBERIS PRUINOSA.	Barberry. An ornamental shrub which bears showy clear-yellow flowers.	68
46839	BETULA SCHMIDTII.	Japanese birch. A large tree with thick branches and black bark which falls off in rather small, thick plates of irregular shape.	192
46024	BRITOA SELLOWIANA.	Paraguayan shrub growing to a height of 6 to 12 feet. The edible fruits are sweet, but slightly acid.	20
46725	BROSIMUM ALICASTRUM.	Bread-nut tree from Cuba. Valued for its shade, for its edible nuts, and for its leaves which are excellent fodder for horses and cattle.	95
45577	BURSERIA SP.	Tree from Guatemala; one of those which yield the copal gum used in varnishes.	23
45009	BUTIA CAPITATA.	Large palm bearing edible aromatic fruits. Does well on high pine lands of southern Florida.	13
47351	CAESALPINIA SEPIARIA.	A large prickly climbing Himalayan bush. The bark is used for tanning; the young pods contain an essential oil; the bruised leaves are applied to burns.	14
46385	CALYDOREA SPECIOSA.	A beautiful bulbous plant bearing deep blue-purple flowers.	312
45141	CARICA DODECAPHYLLA.	Yacaratí-á. Relative of the papaya. Native to Argentina. Tree with a trunk attaining a circumference of 5 feet. Bears large edible fruits which are eaten raw or cooked.	10
47562	CARICA PAPAYA.	Papaya from Yucatan, Mexico. Bears medium-sized fruits of excellent flavor.	59
47563	CARICA PAPAYA.	Papaya from Merida, Yucatan, Mexico.	68
44891	CARYOPHYLLUS JAMBOS.	A handsome medium-sized tree native to India and the Malayan Peninsula, but cultivated in many tropical countries for its fragrant edible fruits.	12
47594	CASSIA SP.	Received from A. Robertson Proschowsky, Nice, France.	19
43650	CASSIA EREMOPHILA.	Handsome ornamental shrub from Australia; bears clusters of small, bright yellow flowers.	62
44071	CASSIA EREMOPHILA.		20
45947	CASTANEA MOLLISSIMA.	Chestnut from Ichang, Hupeh, China.	311
45508	CECROPIA ADENOPUS.	A tall, rather slender tree native to Paraguay; has large rough leaves which are whitish beneath.	66



		Y-3
47401	CESTRUM PARQUI. Semi-hardy, nearly glabrous ornamental shrub native to Chile. The sessile flowers are greenish yellow, long and tubular.	h-136
35458	CHAENOMELES LAGENARIA CATHAYENSIS. Mu kua. The Chinese quince used as a room perfumer in China; but of use in making preserves and jellies.	11
37558	CHAENOMELES LAGENARIA CATHAYENSIS.	37
44994	CHAMAEDOREA SP. Pacayito. A dwarf ornamental palm native to the mountains of Guatemala.	878
43561	CHORISIA INSIGNIS. One of the silk cotton trees of Argentina. Leaves alternate, digitate; flowers large, yellowish-white. A rare species.	22
43651	CITHAREXYLUM QUADRANGULARE. A large tree native to the West Indies with permanently four-angled branches, and opposite entire serrate leaves. The small white odorous flowers occur in racemes; fruit a fleshy drupe.	10
46405	CLEMATIS SP. Collected in China by F. N. Meyer.	74
45900	CONDALIA LINEATA. Spiny shrub from Argentina; produces a small edible, cherry-like fruit.	81
47206	CORDIA BLANCOI. From Los Banos, P. I. A medium-sized tree with a short irregular trunk. The wood is soft, light, and easily worked.	119
35689	CORYPHA ELATA. Large tropical fan palm from the Philippines; tender.	105
43991	COTONEASTER DIVARICATA. A hardy erect deciduous Chinese shrub bearing pink flowers and bright red fruits.	200
44080	COTONEASTER NITENS. A deciduous ornamental Chinese shrub bearing pink or white flowers and black fruits one-sixth of an inch long.	5
43051	CRINUM SP. Ornamental bulbous flowering plant from Bolivar, Colombia; bears white fragrant flowers.	15
41098	CURCUMA SP. Plant cultivated in the lower Urubamba Valley, Peru, for its aromatic yellow-fleshed rootstocks which are used for coloring food.	5
45578	DAHLIA COCCINEA. Collected in Guatemala by Wilson Popenoe. Grows wild at altitudes up to 7,000 feet. Reaches a height of 4 feet; and produces abundant eight-ray florets, orange-brown to crimson in color.	96
43419	ENTADA POLYSTACHYA. Woody vine from Colombia; bears terminal panicles of white flowers; tender.	15
47207	ERYTHRINA VARIEGATA. A Philippine tree with a showy inflorescence of brilliant red flowers.	18
44116	FICUS PADIFOLIA. Large and dense evergreen tree from Costa Rica; of exceptionally beautiful habit; tender.	10
46613	FRAGARIA CHILOENSIS. Strawberry from Ecuador, which seems to do well in rather dry situations.	68
44132	FRAXINUS SP. Ash from Kashgar, Chinese Turkestan.	750
44133	FRAXINUS SP. Ornamental shade tree from Chinese Turkestan; very resistant to drought and alkali.	75
44134	FRAXINUS SP.	275
44433	GOURLIEA DECORTICANS SUBTROPICALIS. A tall tree, native to northern Argentina, with crooked, tapering trunk about 4½ feet in diameter, and with soft, coarse, yellowish wood.	12
47416	GYNURA SP. A Philippine climbing plant which bears panicles of orange-colored flowers with a pronounced odor similar to that of the field daisy.	30
43775	HAEMATOTOXYLUM CAMPECHIANUM. Logwood. Tall tree from southern Mexico; bears racemes of yellow flowers. Wood very hard; yields a valuable black dye.	16
45243	HIBISCADELPHUS HUALALAIENSIS. Erect tree 16 to 23 feet high, native to Hawaii. This species is now almost extinct.	8
46459	HIBISCUS SP. Native to New South Wales, Australia. Grows to a height of 10 to 12 feet and bears yellow flowers with purple centers. The foliage is eaten by stock.	13



47357	HIBISCUS MUTABILIS.	Japanese rose hibiscus. A strikingly handsome malvaceous shrub or small tree.	86
46807	HIBISCUS URENS.	A strong-growing shaggy plant producing handsome deep-crimson flowers throughout the summer.	9
43689	HYDRANGEA ROSTHORNII.	Western Chinese shrub with white or purplish sterile flowers in cymes 4 to 7 inches wide.	17
43690	HYDRANGEA XANTHONEURA.	Central Chinese shrub bearing white sterile flowers in flattish panicles 6 inches wide.	16
43691	HYDRANGEA XANTHONEURA SETCHUENENSIS.	A western Chinese shrub with loose, 5 to 10-inch corymbs of fertile flowers.	27
34836	ILEX CORALLINA.	A graceful large-leaved Chinese holly.	32
24638	ILEX CORNUTA.	Holly from China. Evergreen shrub or small tree with spreading branches. The white flowers borne in clusters are followed by scarlet berries. Not hardy in the northern states.	51
39668	ILEX INTRICATA.	Low, rigid, straggling shrub from the Himalayas.	99
42369	INTSIA BIJUGA.	Leguminous tree, from Madagascar, bearing terminal panicles of flowers. An important timber tree with a hard, heavy, durable heartwood used in cabinet and construction work.	7
46696	JACARATIA MEXICANA.	Tree from Yucatan; produces edible fruits of a shape and taste much like Carica papaya.	9
45110	JASMINUM ANGULARE.	Climbing shrub native to South Africa; bears terminal or axillary cymes of white flowers.	26
18577	JUNIPERUS CHINENSIS.	Chinese columnar juniper. Resembles the Irish juniper in habit of growth.	424
40678	JUNIPERUS FORMOSANA.	Juniper from Kwa tsa, Kansu, China; of weeping habit; of value as an unusual ornamental.	8
39992	JUNIPERUS LITTORALIS.	A hardy Japanese ornamental evergreen with long trailing branches.	40
40677	JUNIPERUS SALTUARIA.	A peculiar Chinese juniper of weeping habit forming long, cordlike, pendulous branches. Will stand much drought and heat.	30
45911	LAGERSTROEMIA SPECIOSA.	A West Indian tree bearing flowers in large panicles 2 to 3 inches across.	8
41931	LANTANA CAMARA NIVEA.	Small shrub, 1 to 4 feet in height; leaves rather thick, rugose, scabrous above; flowers in a roundish head, the outer ones bluish, the inner ones white.	18
42822	LIQUIDAMBAR FORMOSANA.	Chinese tree, up to 120 feet in height, having somewhat the appearance of sweet gum but with smaller, usually 3-lobed leaves.	10,000
45980	LIVISTONA MARIAE.	An erect, South Australian palm with fan-shaped leaves divided into narrow plicate segments.	180
45589	LIVISTONA SUBGLOBOSA.	Graceful palm from Buitenzorg, Java. Fruits solitary or in twos or threes.	6
44394	LONICERA NITIDA.	A western Chinese shrub up to 6 feet in height with upright branches, glossy leaves, whitish flowers, and purple fruits.	116
44395	LONICERA PILEATA.	A low, much-branched, ornamental evergreen shrub from central and western China.	86
47499	MARKHAMIA PLATYCALYX.	Valuable small timber tree from Uganda.	9
42718	MAXIMILLIANEA SP.	Tall shrub from Colombia; bears large yellow flowers in terminal panicles.	9
45080	MIKANIA SP.	A herbaceous climber from Guatemala; scrambles over bushes and low vegetation, freely producing flame-scarlet flowers an inch in diameter.	3
47060	MIKANIA SP.	"Yerba dulce," from Corrientes, Argentina.	120
43281	NANNORHOPS RITCHIEANA.	A fiber-producing palm from Seharunpur, India. The fiber is obtained from the long leaves, and is used for making mats, baskets, etc. The flowers, leaf-buds, and fruits are eaten by the natives.	11
44773	NANNORHOPS RITCHIEANA.		4
47192	OLEARIA TERETIFOLIA.	A bright green, almost broomlike shrub covered with masses of small white flowers.	60



44447	OMPHALOPHTHALMA RUBRA.	A woody, hairy climber, from Curacao, D. W. I., with long-petioled, heart-shaped leaves about 3 inches long; flowers dark purple.	15
40033	OSTEOMELES SCHWERINAE.	Low ornamental shrub from China; bears white flowers followed by bluish-black berries.	51
46793	PACHYLOBUS EDULIS MUBAFO.	Tree from Upper Guinea, which bears an oval, black, pleasantly flavored fruit about 3 inches long.	46
47501	PAHUDIA AFRICANA.	Large forest tree native to the Niger and Congo valleys in western Africa. Leaves pinnate; fragrant white and red flowers in racemes.	31
47210	PAHUDIA RHOMBOIDEA.	A Philippine tree usually occurring in somewhat open situations of low elevation. The wood is beautifully colored and very durable.	6
45168	PASSIFLORA SP.	Ornamental vine from the fields and prairies of northeastern Paraguay.	6
45613	PASSIFLORA SP.	An ornamental vine from Caracas, Venezuela.	33
46648	PASSIFLORA LIGULARIS.	One of the best Ecuadorian Passifloras. The fruit is orange-colored with a long stipe.	299
42291	PASSIFLORA SUBEROSA.	A native West Indian variety with attractive fruits, spotted when green, and deep violet-colored when ripe.	10
43661	PAVONIA SPINIFEX.	A weak-growing Egyptian shrub up to 20 feet in height, with few upright branches. Valued for its large yellow flowers.	33
39996	PICEA KOYAMAI.	Japanese tree up to 30 feet in height with bright reddish-brown branchlets and bluish-white, four-sided sharp-pointed leaves.	75
39040	PICEA SMITHIANA.	Spruce tree 100 to 120 feet in height, from the Himalayas; not hardy in the northern states.	20
42730	PINUS BUNGEANA.	The rare, Chinese white-barked pine.	2500
35289	PINUS CEMBRA SIBIRICA.	A native Siberian pine growing into a stately tree and producing fine white timber.	185
35294	PINUS THUNBERGII.	Excellent timber pine occurring in Japan, Manchuria, and China.	7
46588	PISTACIA CHINENSIS.	A beautiful ornamental tree from China; leaves pinnate, light-green, turning in fall to beautiful reds and yellows.	68
45892	POMADERRIS ELLIPTICA.	A rare dwarf shrub from Auckland, New Zealand. It flowers when two years old and if kept well pinched back is covered in spring with a mass of yellow flowers.	62
45579	PSIDIUM FRIEDRICHSTHALIANUM.	Costa Rican guava. A sour but very aromatic guava; might be used with other fruits.	62
43762	PSIDIUM PUMILUM.	Guava. Small, Egyptian shrub; yellow aromatic fruits having an accentuated strawberry flavor.	224
45719	PTEROCARPUS INDICUS.	A tall tree from Hongkong, China; wood valuable for timber.	11
45587	PTEROCARYA STENOPTERA.	An ornamental Chinese tree growing to a large size. Leaves pinnate, dark green. Valuable shade tree for streets and parks in mild-wintered moist regions.	66
44678	QUERCUS SP.	Oak from Yunnan, China.	29
46810	RHUS VIMINALIS.	A hardy evergreen tree from South Africa, valued for its timber in making yoke-keys, tobacco pipes, furniture, etc.	17
45356	RUBUS TRICHOMALLUS.	A species of Rubus from Verapaz, Guatemala. Occurs at elevations of 3,000 to 6,000 feet. Bears an abundance of sweet fruits very palatable when eaten fresh.	36
46892	SALVIA GARDNERIANA.	An Egyptian sage.	8
44995	SALVIA HEMPSTEADIANA.	A Guatemalan perennial bearing spikes of brilliant blue flowers.	42
43055	SCHEELEA EXCELSA.	Edible-fruited palm from El Banco, Bolivar, Colombia.	8



Y-6

40025	SCHIZANDRA SPHENANTHERA.	A woody Chinese perennial vine of slender growth, bearing carmine-red berries the size of currants with subacid, spicy, aromatic taste.	10
45810	SCHOENOCaulon OFFICINALE.	A bulbous Central American plant, the seeds of which are a source of the powerful irritant and counterirritant, veratrine.	534
46616	SIDA SP.	An Ecuadorian plant bearing attractive violet flowers.	54
41311	SIDA BONARIENSIS.	A shrubby malvaceous plant with oblong cordate leaves.	258
45751	SOLANUM BULLATUM.	Brazilian plant which may possibly be valuable as a forage plant because of the large percentage of protein contained in the leaves. Relished by cattle as well as by horses.	553
46631	SOLANUM QUITOENSE.	Naranjilla. From Ecuador. Bears a small, acid, orangelike fruit much used by the natives as an article of diet.	165
47310	SOLANUM SCALARE.	An ornamental African shrub bearing clusters of white or violet flowers and smooth shiny red berries.	8
47216	SPATHODEA CAMPANULATA.	Handsome ornamental flowering tree related to the Catalpa. Cultivated in the tropics as an ornamental shade tree.	1388
45663	STADMANNIA OPPOSITIFOLIA.	A rare species of hardwood tree from the Island of Mauritius with alternate pinnate leaves and dense panicles of inconspicuous flowers.	26
47363	STILLINGIA SEBIFERA.	Chinese tallow tree. Seeds produce two kinds of oil, the waxy oil from the outside of the seeds and the liquid oil extracted from the seeds.	1454
43559	TACCA PINNATIFIDA.	Polynesian arrowroot. Perennial herb allied to the yam. Produces edible, starchy tubers.	44
34804	TAMARIX PENTANDRA.	Deciduous shrub, 15 feet tall, with long slender plumose branches; bears tiny pink flowers; thrives under dry climatic conditions.	60
47193	TEMPLETONIA SP.	An Australian shrub which produces large pinkish flowers. Grows well in sand.	33
39392	THRINAX MICROCARPA.	Beautiful palm from Florida which may prove of value as an ornamental; leaves silvery on the under side.	34
44180	TRACHYCARPUS TAKIL.	Palm from Mt. Takil, Himalaya.	50
40898	ULMUS PUMILA.	Chinese elm from Peking; has proved a valuable ornamental tree for the colder northern states as well as for the semiarid ones; a rapid grower.	400
46818	VIRGILIA CAPENSIS.	Small South African tree cultivated for its ornamental foliage and sweet-scented flowers.	12
47220	VITEX GRANDIFOLIA.	African tree growing to a height of 25 feet. Bears cream-colored flowers and edible fruit the size of plums.	12
41877	VITIS DAVIDII.	Ornamental grape from China; bears edible fruit; leaves, petioles, and stems covered with soft reddish-colored spines.	5
43053	ZEPHRANTHES SP.	A pretty, white-flowered species from Colombia, South America.	1150
46720	ZIZIPHUS MAURITIANA.	From Island of Reunion. Bears fruit 1½ inches in diameter with mealy pulp and sweet pleasant taste.	88
45489	ZORNIA DIPHYLLO GRACILIS.	A tufted annual from Sao Paulo, Brazil. Valued as provender for horses.	5



C-1

Name.....

Address.....

CHECK LIST OF

PLANTS READY FOR DISTRIBUTION

GROWN AT THE PLANT INTRODUCTION FIELD STATION, CHICO, CALIF.

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46964	ACACIA SP.	From Bahia, Brazil.	100
46967	ACACIA SP.	From Bahia, Brazil.	40
46871	ACACIA ANEURA.	An Australian species valued for its timber and as a forage tree.	70
46872	ACACIA HOMALOPHYLLA.	Wattle from Australia. A dry-country species valuable for fodder and for its timber.	60
47149	ACACIA IMPLEXA.	An Australian species valuable for its hard, close-grained wood.	72
46049	ACACIA MELLIFERA.	Small tree from Egypt; yields a gum similar to gum arabic.	14
42683	ACTINIDIA CALLOSA HENRYI.	Climbing plant from central China; leaves bronze red when young; flowers white, fragrant.	32
43258	ACTINIDIA CHINENSIS.	Yang tao. A deciduous ornamental climber native to China. Has attracted considerable attention because of the high quality of its fruit.	
45588	ACTINIDIA CHINENSIS.	Same as S.P.I. No. 43258.	
40332	ACTINIDIA POLYGAMA.	Silver vine. Ornamental climbing shrub native to China, Chosen, and Japan.	44
33215	AMYGDALUS COMMUNIS.	The famous Jordan almond from Spain; one of the best hard-shelled varieties grown in that country.	215
33216	AMYGDALUS COMMUNIS.	Hard-shelled almond from Spain; nuts of fine quality.	170
33217	AMYGDALUS COMMUNIS.	Large, early, hard-shelled almond from Spain.	130
33218	AMYGDALUS COMMUNIS.	A hard-shelled almond "Del Desmayo" from Spain; flowers said to be resistant to frost.	136
32374	AMYGDALUS PERSICA.	Mexican peach. Yellow-fleshed, large clingstone peach of pleasant subacid flavor.	106
33219	AMYGDALUS PERSICA.	Vainqueur peach. From Spain; very early; fine for home use; not a good shipper.	328
38178	AMYGDALUS PERSICA.	Fei peach. A large Chinese variety of clingstone peach of unusual flavor and keeping quality. Often attains weight of one pound.	336
41395	AMYGDALUS PERSICA.	Peach. A dwarf peach grown as a house plant in China. Fruits when not more than 15 inches high; both fruits and flowers are showy.	16
Nine new peaches from New Zealand; all, according to the report of the introducer, Mr. H. R. Wright, are of fine quality.			
43124	AMYGDALUS PERSICA.	"A. 1."	38
43126	"	"Ice Cream."	60
43127	"	"Ideal."	50
43129	"	"Late Champion."	70
43130	"	"Lippiatt's Late Red."	39
43132	"	"Motion's Cling."	55
43133	"	"Muir's Perfection."	75
43134	"	"Osprey Improved."	70
43135	"	"Paragon."	64
26503	AMYGDALUS PERSICA NECTARINA.	Nectarine from Chinese Turkestan.	350
34685	AMYGDALUS PERSICA NECTARINA.	From Quetta, British India, at altitudes ranging to 6,000 feet, where the winter temperature drops below zero.	240



43140	AMYGDALUS PERSICA NECTARINA.	"Diamond Jubilee."	50
43141	"	"	45
43143	"	"	52
43144	"	"	52
43146	"	"	44
43190	ANISACANTHUS THURBERI.	Ornamental low shrub from Mexico; bears purplish-red, funnel-formed flowers.	60
47318	ANNONA CHERIMOLA.	Cherimoya. Subtropical tree, native to the Andes of Peru, which produces fruits of exquisite flavor.	100
43704	ANTIDESMA BUNIUS.	Banauac. A small evergreen Philippine tree valuable for its fruit and its fiber.	180
44744	ARECA SAPIDA.	Graceful palm up to 30 feet in height, native to New Zealand.	13
42791	ARTEMISIA CINA.	Wormseed from Tiflis, Caucasus, Russia. A low straggly undershrub, the source of the drug santonin.	300
43056	ATTALEA SPECTABILIS.	Palm from tropical South America; stemless, or with a very short caudex; leaves 18 to 21 feet long, 12 to 16 inches wide; fruit edible, about the size of a hen's egg.	6
44523	BERBERIS ACTINACANTHA.	Barberry. Evergreen shrub native to the mountainous regions of Chile. Bears deep-yellow, sweet-scented flowers.	55
44525	BERBERIS GUIMPELI.	Barberry. From Ventimiglia, Italy. Shrub, 5 to 7 feet in height, with entire leaves and racemes of early-blooming, yellow flowers.	9
42185	BERBERIS HOOKERI VIRIDIS.	Barberry. From the Royal Botanic Gardens, Kew, England. An erect, evergreen shrub 3 to 5 feet in height; native of the Himalayas.	30
27189	BUPLEURUM FRUTICOSUM.	An evergreen shrub from Orianda, Crimea, Russia, which does well near the seashore and in shady places.	35
47150	CALLISTEMON RIGIDUS.	Bottle-brush. A low Australian shrub bearing showy flowers in dense spikes.	100
41505	CARISSA GRANDIFLORA.	Carissa. Handsome, evergreen spiny shrub from South Africa; makes an excellent hedge plant; bears a small plumlike scarlet fruit that makes an excellent jelly.	171
46661	CASIMIROA EDULIS.	White sapote from Mexico. Large tree with palmately compound leaves; bears large edible fruits.	1100
47624	CASIMIROA EDULIS.		86
41358	CASTANEA PUMILA X CRENATA.	Chestnut. Hybrid between the American chinquapin and the Japanese chestnut; produces fine nuts of good quality; plants bear nuts early.	90
46062	CELTIS SINENSIS.	Ornamental tree from China, closely allied to the American hackberry; grows to a height of 30 feet.	350
26562	CHAENOMELES LAGENARIA CATHAYENSIS.	Chinese quince. A shrub or small tree, the fruits of which are prized for their strong, pleasant aroma. Fruits large; may be used for making jelly.	49
23028	CITRUS LIMONIA.	Dwarf lemon from China; grown as a pot-plant by the Chinese. Bears freely fruits of good quality; very attractive for home use.	364
44389	CORNUS CAPITATA.	Dogwood from the Himalayas and China. Tree 30 to 40 feet in height, almost evergreen; bears whitish bracts; strawberry-shaped fruits about one inch across.	90
22468	CORYLUS AVELLANA.	Filbert. Bears a fine, large, long-formed, nut.	9
22471	CORYLUS AVELLANA.	Filbert, var. Bysance. Strong vigorous grower.	33
22472	CORYLUS AVELLANA.	Filbert var. D'Alger. a very free-bearing variety.	35
22473	CORYLUS AVELLANA.	Filbert, var. Geante des Halles.	9
22476	"	" var. Avelline Grosse Ronde. Medium-sized tree, producing fair-sized nuts.	7



22480	CORYLUS AVELLANA.	Filbert, var. Montebello. Tree resembling the Barcelona but with smaller, more regular nuts.	C-3 78804 28
22484	CORYLUS AVELLANA.	Filbert, var. Grosse Blanc of England. Large vigorous tree; bears large nuts quite freely.	68804 30
22485	CORYLUS AVELLANA.	Filbert. A French variety called the Daviana. Medium large French variety.	68804 36
33234	CORYLUS AVELLANA.	Filbert. The "Rouge Ronde" variety from Spain.	13 18001 20112
45207	COTONEASTER SP.	A Chinese variety collected by Mr. Frank N. Meyer.	18001 20112
44077	COTONEASTER AMBIGUA.	A Chinese deciduous shrub up to 7 feet in height; bearing corymbs of 8 to 10 pinkish flowers and black globose fruit about one-third of an inch long.	20 20112
45705	COTONEASTER FRANCHETII.	From Arnold Arboretum, Jamaica Plain, Mass. Ornamental shrub with dense, spreading branches; flowers pinkish; fruits orange-red.	20 20112
43992	COTONEASTER HORIZONTALIS PERPUSILLA.	Low, prostrate shrub from China; small pink flowers followed by bright red fruits.	18 20112
43993	COTONEASTER NITENS.	Deciduous ornamental shrub from western China; bears nearly black fruits.	80
44081	COTONEASTER OBSCURA.	Shrub up to 10 feet in height, native to western China; bears dull brownish-red fruits.	75
46481	CRATAEGUS MEXICANA.	A bushy tree 8 to 10 feet high, native to the table lands of Mexico. Bears large light-yellow fruits.	8
22607	CRATAEGUS PINNATIFIDA.	Hawthorn from China; fruits 1 to 1 1/4 inches in size; make a jelly with a delicate but distinctive flavor; hardy.	26 20112
37955	CRATAEGUS PINNATIFIDA.		26 20112
38176	"	"	19
43430	CRATAEGUS STIPULOSA.	Hawthorn from Guatemala; fruits like small apples, 1 to 1 1/4 inches in size; make a fine jelly; tender.	19
41690	CUPRESSUS GLABRA.	Cypress from Arizona; 25 to 30 feet in height; bluish-green foliage.	2000
29174	CUPRESSUS THURIFERA.	Mexican white cedar. Handsome pyramidal tree 50 to 60 feet in height.	2000
32882	CYDONIA OBLONGA.	Quince from Granada, Spain; fruits of good size and fine quality.	2000
33214	CYDONIA OBLONGA.	Quince from Spain. Antequera variety. Fruits of fine quality.	2000
45240	CYNARA HISPANICA.	A very spiny perennial herb 3 feet or more in height with finely cut leaves and a fleshy receptacle.	2000
22350	DIOSPYROS KAKI.	Persimmon. Large, flat, seedless persimmon from China.	2000
26491	DIOSPYROS KAKI.	Persimmon. A nonastringent, prolific variety of medium size, introduced from Japan where it is considered one of the very best.	70
32868	DIOSPYROS KAKI.	Persimmon. A large, sweet variety from Japan.	36
35223	DIOSPYROS KAKI.	Persimmon. A persimmon of the sheep-nosed variety from Seoul, Chosen.	2000
37525	DIOSPYROS KAKI.	Persimmon. A medium-sized, round, seedless, Chinese persimmon of orange-yellow color. May be kept fresh for a long time or may be dried.	16
46749	ENTELEA ARBORESCENS.	The whaw tree, the wood of which is little more than one-half the weight of cork; tree is very ornamental; not hardy.	14
46744	ENTEROLOBIUM SP.	A handsome umbrella-shaped Brazilian tree, suitable for shade in dry regions.	7
46885	EUCALYPTUS DIVERSICOLOR.	An Australian timber tree growing in favorable localities to a height of 500 to 400 feet.	150
46886	EUCALYPTUS HEMIPHLOIA ALBENS.	An Australian tree growing to a height of 90 feet and a diameter of 3 feet. The foliage is used for feeding cattle and sheep during periods of drought.	17



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46887	EUCALYPTUS PAUCIFLORA. An Australian timber and forage tree growing to a height of 100 feet.	75
46889	EUCALYPTUS REDUNCA. A large Australian timber tree. The wood is heavy, tough and durable.	100
45950	EUCOMMIA ULMOIDES. Hardy ornamental deciduous Chinese tree called "Tu chung." The bark contains a rubber-like substance.	7
46061	EUCOMMIA ULMOIDES.	875
46119	" "	150
44103	HELIANTHUS ANGUSTIFOLIUS. Perennial sunflower from the Arkansas prairies; beautiful, single, yellow flowers; blooms late in fall.	500
46138	HIBISCUS MACROPHYLLUS. A tree or shrub of eastern Bengal, the bark of which yields a strong cordage fiber.	5
43760	ILEX PARAGUARIENSIS. Yerba mate. Small evergreen South American tree; dried leaves contain alkaloid; used in preference to tea by millions of South Americans.	250
44233	JUGLANS MANDSHURICA. Walnut found in Manchuria and northern China; forms a stately tree bearing small nuts with little kernels.	20
23023	JUNIPERUS SP. Juniper. A rare ornamental Chinese juniper with foliage of a deep bluish color.	24
44234	JUNIPERUS CHINENSIS. Chinese juniper. A hardy drought and alkali-resistant tree living to be many centuries old.	250
27505	JUNIPERUS PROCERA. East African cedar. Conifer reaching 100 feet in height, with straight trunk yielding durable timber.	23
42575	LIMONIUM FRUTICANS. A beautiful ornamental shrub with somewhat leathery leaves and large clusters of light-blue flowers. Native of the coast region of Teneriffe, Canary Islands.	30
47918	MACADAMIA TERNIFOLIA. Macadamia. Tall evergreen tree; bears a table nut of excellent quality; flavor resembles that of the Brazil nut; suitable for southern Florida and southern California.	
27153	MALUS SYLVESTRIS. A very large white apple from the Caucasus, Russia.	100 19
30309	MALUS SYLVESTRIS. Medium-sized yellowish green apple from Chinese Turkestan, called Muz-alma.	24
30326	MALUS SYLVESTRIS. Medium-sized yellowish green apple of sweetish taste; able to withstand considerable drought and alkali.	22
30327	MALUS SYLVESTRIS. Large red apple from Chinese Turkestan, called Kizil-alma.	8
30328	MALUS SYLVESTRIS. Medium-sized white apple from Chinese Turkestan, called Ak-alma.	18
30353	MALUS SYLVESTRIS. Apple. A Chinese variety with medium-sized yellowish green fruits of peculiar, glossy texture and sweetish, though rather insipid, taste. Withstands considerable drought and alkali.	13
30635	MALUS SYLVESTRIS. Apple. A Chinese variety bearing large red fruits with fresh sweet taste; ripens in July.	13
31653	MALUS SYLVESTRIS. Apple received from south Africa; a fine apple for semiarid conditions.	14
39829	MALUS SYLVESTRIS. Limoncella apple from Italy. Fruit highly flavored; tree well adapted for warm climate.	120
Fourteen new apples from H. R. Wright, Auckland, New Zealand, who describes them as follows:		
43153	MALUS SYLVESTRIS. "Cliff's seedling. - Medium-sized, highly colored fruits of fine flavor."	14 11
43154	MALUS SYLVESTRIS. "Climax. - A fine dessert apple."	
43155	MALUS SYLVESTRIS. "Coldstream Guards. - Medium to large size, attractive appearance, prolific variety."	20



43156	MALUS SYLVESTRIS.	"Cole's Blushing Bride. - Prolific variety of attractive appearance. A dessert apple."	11
43157	MALUS SYLVESTRIS.	"Diadem. - Good cooking and dessert apple."	11
43158	MALUS SYLVESTRIS.	"Edward Lippiatt. - Prolific, early bearing variety, yellow, streaked with crimson; fine quality."	68
43159	MALUS SYLVESTRIS.	"General Carrington."	47
43160	MALUS SYLVESTRIS.	"George Neilson. - A large, early variety; resembles Red Astrakhan."	62
43162	MALUS SYLVESTRIS.	"John Sharp. - Late variety; bears large, greenish-yellow fruits, flesh juicy and sweet."	71
43165	MALUS SYLVESTRIS.	"Lord Wolseley. - Medium-sized; rich yellow color, flesh juicy, subacid."	47
43166	MALUS SYLVESTRIS.	"Marjorie Hay. - Large, early, red-striped, dessert apple. Flesh tender, juicy, and crisp."	64
43167	MALUS SYLVESTRIS.	"Mona Hay. - Fruits of medium size and exquisite flavor."	74
43170	MALUS SYLVESTRIS.	"Sharp's Late Red. - Large handsome fruit."	33
43173	MALUS SYLVESTRIS.	"Te Whiti. - Medium-sized, dark-red fruit, of rich, fine flavor."	54
23112	MAYTENUS BOARIA.	Ornamental tree from Chile; leaves and branches erect. Cattle eat the leaves and twigs.	13
46532	MORUS ACIDOSA.	Mulberry. Shrub or low tree 3 to 20 feet in height, from China. Bears edible, dark-red fruits.	140
27048	MORUS ALBA.	Fine ornamental mulberry of pyramidal growth. From Leon Chenault, Orleans, France.	6
12569	OLEA EUROPAEA.	Barouni olive from Tunis. One of the largest and best of table olives.	128
13257	OLEA EUROPAEA.	Grosse Aberkan olive from Algeria. Tree vigorous; fruit ripens a little earlier than the Mission.	6
13567	OLEA EUROPAEA.	Chemlali olive from Tunis. A variety grown extensively for oil.	15
27173	OLEA EUROPAEA.	Olive. A bushy, drought-resistant olive from the Caucasian shore of the Black Sea.	56
40401	OLEA EUROPAEA.	Tefahi olive from Tunis, Algeria.	7
40404	OLEA EUROPAEA.		10
40403	OLEA EUROPAEA.	Boo Shookiya olive from Biskara, Algeria.	9
40405	OLEA EUROPAEA.	Zoragi olive from Tunis, Algeria.	61
22324	OLEA FERRUGINEA.	Himalayan olive. Tree valued for its extremely hard, often beautifully mottled heartwood.	19
29047	OLEA VERRUCOSA.	Wild olive from South Africa.	9
4537	OLNEYA TESOTA.	Small tree 15 to 20 feet in height; leaves pinnate; leaflets thick, entire. Flowers white or purplish in short axillary racemes.	25
46384	PANDOREA AUSTRALIS.	A very vigorous climbing plant, having shining green foliage and bearing an abundance of cream-colored flowers spotted with chocolate.	350
46380	PARKIA TIMORIANA.	Cupang. A large-growing leguminous tree from the Philippine Islands, with large fernlike leaves.	109
46785	PASSIFLORA SP.	Granadilla. Vine bears brilliant crimson, edible fruits with slightly acid pulp.	185
46648	PASSIFLORA LIGULARIS.	Granadilla. A perennial vine bearing medium-sized fruits with soft, edible, sweetish pulp.	145
47164	PAULOWNIA FORTUNEI.	A magnificent Formosan tree bearing panicles of lilac or purple tinted flowers.	450
46595	PENSTEMON PALMERI.	Handsome native flowering plant growing 3 to 5 feet high; bears light-pink flowers streaked with red.	225
46388	PHORMIUM TENAX.	New Zealand Flax. Leaves yield an excellent fiber.	600
46136	PISTACIA CHINENSIS.	Pistache from China. A very promising ornamental for regions having warm summers and mild winters.	500
38232	POPULUS SP.	Poplar, from China, of remarkable upright growth; drought resistant.	75
26614	POPULUS BEROLINENSIS.	Berlin poplar; fine hardy shade tree; From F. N. Meyer, Leisnoi, Russia.	5



C-6			
28365	POPULUS	SIMONII. Forma fastigiata. Balsam poplar from F. N. Meyer, Shiling, Chihli, China. Odor particularly noticeable when young leaves are developing. Resembles Lombardy poplar but makes a more pleasing impression.	90
28366	POPULUS	SUAVEOLENS. White-barked poplar from China.	70
28367	PRUNUS	ARMENIACA. Large red apricot of good quality; from Tchaiching, China.	170
28368	PRUNUS	ARMENIACA. Medium-sized red apricot from Manchuria; very sweet fruits.	162
28369	PRUNUS	ARMENIACA. Apricot from Chefoo, China. Fruits of good size, flavor, and appearance, with red coloration.	4
28370	PRUNUS	AVIUM. Garrafal le Grand. - Fine large cherry of good quality, from Spain; season about the same as that of the Black Tartarian.	400
28371	PRUNUS	PSEUDOCERASUS. Tangsi Cherry. A small-fruited variety from China; can be grown farther south than the common commercial cherry.	400
28372	PRUNUS	SPINOSA X DOMESTICA. Hybrid plum from Koslov, Russia; fruits small, dark purple, sweet.	350
28373	PRUNUS	SPINOSA X DOMESTICA. Hybrid plum. Fruits dark purplish, medium in size, and with a very sweet flavor and a distinct aftertaste.	297
28374	PRUNUS	SPINOSA X DOMESTICA. Hybrid plum. Medium-sized, yellow, spherical fruits which are sweet, spicy and juicy, and are of good keeping quality.	443
28375	PRUNUS	TOMENTOSA. Chinese bush cherry. An early flowering, deciduous shrub bearing white flowers tinged with rose, and small sour cherries suitable for preserves.	300
28376	PTEROCARYA	STENOPTERA. A Chinese ornamental tree belonging to the walnut family; grows to a large size.	500
28377	PTEROCELTIS	TARTARINOWII. A deciduous tree, from northwestern and central China, up to 50 feet in height; rare in cultivation.	9
28378	PTEROGYNE	NITENS. Tall, stout unarmed tree common in parts of Argentina and Brazil; wood very strong and resistant.	260
28379	PUNICA	GRANATUM. Feysinar pomegranate from Pounar, Boshi, Smyrna, Asia Minor.	16
28380	PUNICA	GRANATUM. A red-fleshed variety considered second only to the seedless or Mellasi pomegranate. From Arabia.	53
28381	PUNICA	GRANATUM. A white-fruited variety of pomegranate of good quality from Tunis, northern Africa.	148
28382	PUNICA	GRANATUM. A Russian pomegranate; fruits large, bright red, of sour-sweet taste.	72
28383	PUNICA	GRANATUM. A red, sweet variety of pomegranate.	51
28384	PUNICA	GRANATUM. Pomegranate from Granada, Spain.	47
28385	PUNICA	GRANATUM. Pomegranate from Granada, Spain.	60
28386	PYRACANTHA	CRENULATA. A small, Chinese, ornamental shrub having bright green foliage and bearing a multitude of bright red berries.	190
28387	PYRUS	SP. Chinese pear called "Chang bor li"; fruit yellowish white; flesh coarse and not of high quality.	106
28388	PYRUS	SP. Pear from Manchuria, suitable for sections where drying winds and occasional droughts prevail.	130
28389	PYRUS	SP. Chinese pear. A yellow, early ripening pear with knobby exterior and soft and melting flesh.	175
28390	PYRUS	SP. Large Chinese pear known as "Pan chin li"; good flavor; flesh fine, white.	400
28391	PYRUS	CHINENSIS. "Tangli." - Small, brown, Chinese pear.	220
28392	PYRUS	CHINENSIS. Pear from Chinese Turkestan, known as "Kok-amoot." Fruit green, large; flesh of gritty texture; keeps well.	65
28393	PYRUS	CHINENSIS. Large Chinese pear known as "Chin li" (golden pear); flesh somewhat coarse, but sweet and juicy; fine keeping qualities.	45
28394	PYRUS	CHINENSIS. "Pai li." White, Chinese pear with juicy, granular flesh, somewhat sweet; a good canning pear.	43



- 38248 PYRUS CHINENSIS. Chinese pear of apple shape; flesh not of high quality; remarkable keeper and shipper.
- 38261 PYRUS CHINENSIS. Very large, dark-yellow, Chinese pear of oblong shape; flesh coarse, juicy, sweet; good shipper. "Ner li" (stan pear).
- 38264 PYRUS CHINENSIS. Large Chinese pear known as "Sai pai li" (brittle or fragile white pear); ripens in summer; does not keep long.
- 38265 PYRUS CHINENSIS. Purplish-violet; Chinese pear known as "Sze soo li" (violet brittle pear); ripens late in spring.
- 38266 Chinese pear called "Ny li" (milk pear); of medium size, sweet; not a good keeper.
- 38268 PYRUS CHINENSIS. Chinese pear known as "Tching pee tien li" (green skin sweet pear); ripens in summer.
- 38269 PYRUS CHINENSIS. Chinese pear of medium size, sweet, ripening in summer; does not keep well. Known as "Sui pai li" (water pear).
- 38270 PYRUS CHINENSIS. Large Chinese pear of pale-yellow color; sweet; not a good keeper. Known as "Gao ding pai li" (tall top white pear).
- 38271 PYRUS CHINENSIS. Medium-sized pear known as "Tien kua li" (sweet melon pear); flesh soft and mealy; not a good keeper.
- 28497 PYRUS CHINENSIS X COMMUNIS. A hybrid between the common pear and a Chinese variety.
- 41443 PYRUS CHINENSIS X COMMUNIS. A hybrid between the common pear and a Chinese variety.
- 35207 PYRUS COMMUNIS. Large lemon-yellow pear from Granada, Spain; flesh sweet; ripens in summer.
- 35208 PYRUS COMMUNIS. Pear from Spain known as "Pera de Rosetta," of excellent quality.
- 43183 PYRUS COMMUNIS. From Auckland, New Zealand. "Belmont"; an early pear of good quality.
- 43185 PYRUS COMMUNIS. From Auckland, New Zealand. "Packham's Triumph," said to be a fine autumn pear of good quality.
- 43186 PYRUS COMMUNIS. Pear from Auckland, New Zealand. "Winter Cole"; round, of medium size, pale yellow; fine quality.
- 30351 PYRUS SEROTINA. From Yarkand, Chinese Turkestan. Large greenish-yellow pear, flesh granular, sweet, melting; ripens late; good keeper.
- 30352 PYRUS SEROTINA. From Chinese Turkestan. An interesting new pear bearing medium-sized fruits, very juicy and of good quality.
- 45832 PYRUS SERRULATA. Large greenish-yellow pear, obovoid in shape. Introduced for tests in blight resistance and as stock for other pears.
- 41494 RHAPHITHAMNUS CYANOCARPUS. A Chilean evergreen shrub valuable as a forage plant.
- 47100 RHOICISSUS ERYTHRODES. A shrubby suberect Abyssinian plant with leathery green leaves, clusters of scarlet flowers, and globose fruits  $\frac{1}{2}$  inch in diameter.
- 32390 RHUS LANCEA. The "Karree boom" of Transvaal. Valuable hardwood tree, bears edible fruits.
- 44544 ROSA BANKSIAE NORMALIS. Climbing rose from Hupeh, China; flowers fragrant, pure white.
- 45729 ROSA HELENAE. Fragrant white rose from Hupeh and Szechwan, China.
- 39593 ROSA ODORATA GIGANTEA. Strong-growing rose; large white single flowers. Native to the Himalayas.
- 43055 SCHEELEA EXCELSA. A Colombian palm, 40 to 50 feet in height, 2 to 3 feet in diameter. Edible drupaceous fruit about the size of a duck egg.
- 21967 SOPHORA DAVIDII. Ornamental Chinese shrub, 6 to 10 feet tall; covered in spring with pale-blue pea-shaped flowers.



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21967	SOPHORA DAVIDII	Ornamental Chinese shrub, 6 to 10 feet tall; covered in spring with pale blue pea-shaped flowers.	140
46447	STILLINGIA SEBIFERA.	Tallow tree. A Chinese tree, the seeds of which yield both a waxy oil and a liquid oil.	10
47383	STILLINGIA SEBIFERA.		20
37021	SYAGRUS CORONATA.	The "nicuri" palm from near Bahia, Brazil.	
45920	SYRINGA REFLEXA.	Chinese lilac with reddish flowers borne in long pendulous inflorescences.	60
45921	SYRINGA TOMENTELLA.	A freely flowering shrub forming thickets in China, up to 9,000 to 10,000 feet; the flowers are white to rose-pink.	27
13981	TIGRIDIA PAVONIA.	Tiger flower. An ornamental Mexican bulbous plant. When boiled the bulbs have an agreeable nutty flavor.	5000
43731	VIBURNUM DILATATUM.	Ornamental Chinese shrub, 6 to 10 feet tall; white flowers followed by clusters of bright red fruits.	42
43733	VIBURNUM ICHANGENSE.	Presented by the Arnold Arboretum, Jamaica Plain, Mass. A slender-branched shrub, with yellowish green oval acuminate leaves; flowers white; fruit red. Native to China.	20
46787	VITIS SP.	A Mexican wild grape apparently belonging to the Muscadine group or closely related to it.	85
45193	ZAUSCHNERIA CALIFORNICA.	Half-hardy perennial; bears showy scarlet fuschialike flowers; native to the southwestern states.	70



Name.....

Address.....

## CHECK LIST

of

## SEEDS FOR DISTRIBUTION

37511	ABELMOSCHUS ESCULENTUS. Okra from Russia. A fine variety said to be unexcelled for table use.	445 pkts.
47487	ACACIA SP. From Uganda. An ornamental shrub or small tree with handsome foliage and cylindrical spikes or globular heads of yellow flowers.	2½ oz.
15727	ACACIA SPHAEROCEPHALA. Mexican shrub or small tree; leaves bipinnate; flowers in globular heads; seeds surrounded by sweetish yellow pulp.	1 oz.
45811	AMARANTHUS PANICULATUS. Seed used by the ancient Aztecs as food; used popped, with sugar and milk, as a breakfast food.	150 lbs.
46671	BRASSICA CHINENSIS. From Hsipaw in the Shan States in the north of Burma.	1 oz.
38233	BRASSICA NAPIFORMIS. Turnip-rooted Chinese cabbage.	17 oz.
39034	BRASSICA PEKINENSIS. Pai ts'ai. A Chinese vegetable from Tientsin, China. Selected heading strain; tender hearts make a delicious salad; it is also excellent boiled.	
36114	BRASSICA PEKINENSIS. Large quick-maturing variety.	50 oz. 2 pkts.
36751	BRASSICA PEKINENSIS. "Huang ya pai ts'ai." From Kalgan, China.	3¼ oz.
36752	BRASSICA PEKINENSIS. Pai ts'ai from Shantung, China. A fine variety which can be stored for winter use.	1 lb. 5 oz.
40601	BRASSICA PEKINENSIS.	2½ oz.
40840	BRASSICA PEKINENSIS. Shantung variety from Chefoo, China.	2½ oz.
44312	BRASSICA PEKINENSIS.	1 lb. 5 oz.
44822	BRASSICA PEKINENSIS.	154 oz. 645 pkts.
44823	BRASSICA PEKINENSIS.	4864 pkts.
45136	BRASSICA PEKINENSIS. "Ya hao pai ts'ai." - A variety of open growth; used boiled like kale.	13 pkts.
45138	BRASSICA PEKINENSIS. "Chiang kan pai ts'ai." Open-headed variety used as a fall and winter vegetable.	4 lbs. 5 oz.
45139	BRASSICA PEKINENSIS. "Man ching pai ts'ai." Winter variety of pai ts'ai with solid heads.	1 lb. 2 oz.
45349	BRASSICA PEKINENSIS. Variety of pai ts'ai said to grow into large heads.	76 pkts.
45768	BRASSICA PEKINENSIS. From northern China.	3314 pkts.
46598	BRASSICA PEKINENSIS. Seed collected in China by Mr. Frank N. Meyer.	7 lbs. 1 oz.
46400	BRASSICA PEKINENSIS. "Yo pai ts'ai." Seed collected in China by Mr. Frank N. Meyer.	11 lbs. 9 oz.
46401	BRASSICA PEKINENSIS.	2 lbs. 15 oz.
46479	BRASSICA RUGOSA. From Hsipaw, Shan States in northern Burma.	9 oz.
45267	BRASSICA SP. Mustard from Hankow, China.	8 lbs.
46310	BRASSICA SP.	1 oz.
46402	BRASSICA SP. "Ta pai ts'ai from China.	12 pkts.
41640	CAJAN INDICUM. Pigeon-pea. Shrubby plant 4 to 10 feet high; grown in the tropics for the nutritious peas it yields. The peas also make fine poultry feed.	42 pkt.
43481	CAJAN INDICUM.	10½ oz.
46050	CAJAN INDICUM.	208 lbs. 2 oz.
38738	CAPSICUM ANNUUM. Selected elongate variety of Chili pepper from China. Pods dried and kept for winter use.	74 pkts.



36039	CARICA CANDAMARCENSIS.	Mountain papaya from Ceylon. Fruits too acid for dessert use, but very agreeable stewed.	57 pkts.
46556	CHENOPODIUM SP.	Seed received from Mexico.	12 pkts. - 30 oz.
42820	CHENOPODIUM AMBROSIOIDES.	From Chile. A perennial herb from which is obtained an anthelmintic.	1 lb. 14 oz.
46632	CHENOPODIUM NUTTALLIAE.	Mexican plant, the immature seeds of which are considered a nutritious food.	13 lbs.
46713	CHENOPODIUM NUTTALLIAE.		53 pkts.
46916	CHENOPODIUM NUTTALLIAE.		50 $\frac{3}{4}$ lbs.
46909	CICER ARIETINUM.	Chick pea received from Colombia.	14 oz.
44680	CITRULLUS VULGARIS.	Watermelon of good quality from Curacao, D. W. I.	2 $\frac{1}{2}$ oz.
44706	CRYPTOSTEGIA GRANDIFLORA.	Woody climber, native to India but cultivated in many places for the rubber contained in the sap.	3 pkts. - 24 oz.
46772	CUCUMIS MELO.	Very prolific small white melon from China.	7 oz.
40783	CUCUMIS SATIVUS.	Variety of common cucumber of dwarf bushy habit and producing egg-shaped fruits. From Seharunpur, India.	9 oz.
40784	CUCUMIS SATIVUS.	Long green variety from Seharunpur, India.	3 $\frac{1}{2}$ oz.
40828	CUCUMIS SATIVUS.	Japanese cucumber of fine quality.	4 oz.
46611	CUCURBITA MAXIMA.	Pumpkin from Ecuador; fruit said sometimes to reach a weight of 100 lbs.	4 $\frac{1}{2}$ oz.
57152	CUCURBITA PEPO.	Squash from Italy. May be eaten green, stewed, fried, boiled in fresh butter, etc.	24 pkts.
40829	CUCURBITA PEPO.	Japanese squash of excellent quality.	7 oz.
46137	DERINGA CANADENSIS.	From Japan; blanched leaf stalks used raw or boiled as we use celery. Leaves chopped and used as flavoring. One of the highest priced vegetable in Japan.	173 lbs. 14 oz.
46501	ERUCA SATIVA.	Rocket-salad. Low-growing European plant, used as a spring and autumn salad.	93 pkts.
47498	ERYTHRINA EXCELSA.	Ornamental tree, native to upper Guinea, up to 60 feet tall; bears trifoliate leaves and bright scarlet flowers in dense racemes.	6 $\frac{1}{2}$ oz.
45032	LIVISTONA AUSTRALIS.	Tall slender palm native to eastern Australia. Wood used for light construction; leaves for basket-making.	2 $\frac{1}{2}$ oz.
41721	MOMORDICA CHARANTIA.	A creeping plant from China, bearing white and yellow fruits in autumn; used in soups and as a vegetable.	8 pkts.
46386	MORINGA OLEIFERA.	Horse-radish tree from Nicaragua. A small tree cultivated as an ornamental in Cuba. The white flowers are borne in panicles.	1 lb. 4 oz.
46010	PHASEOLUS LUNATUS.	Bean from Colombia, South America.	3 oz.
46011	"	" " " " "	4 $\frac{1}{2}$ "
46012	"	" " " " "	4 "
46339	"	" Ecuador, South America.	4 "
46200	PHASEOLUS VULGARIS.	Common bean from Chile.	5 "
46249	"	Common bean from Brazil.	12 "
46588	PISTACIA CHINENSIS.	From the Chico Field Station. Seed of trees raised from the first seed (S. P. I. No. 21970) introduced in 1908. Fine ornamental tree; foliage turns brilliant red and yellow in the fall.	19 $\frac{1}{2}$ lbs.
45122	QUAMOCLIDION MULTIFLORUM.	Low perennial from the Southwest; bears clusters of attractive purplish-red flowers.	8 pkts.
46146	SALVIA HISPANICA.	Mexican herbaceous perennial. The mucilaginous seeds are used in making the Mexican drink called "chia."	13 $\frac{1}{2}$ oz.
44607	SOJA MAX.	Hato. Flat type of soy bean from Japan; somewhat resembles the lima bean and can be used in a similar way.	54 lbs.
44598	SOJA MAX.		631 lbs.
44599	SOJA MAX.		64 lbs.
21976	VITEX NEGUNDO INCISA.	Tall woody plant growing on dry alkaline lands; bears delicate blue flowers in terminal panicles. Recommended as an ornamental and as a bee plant.	299 pkts.



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**CHECK LIST OF**  
**PLANTS READY FOR DISTRIBUTION**  
**GROWN AT THE PLANT INTRODUCTION FIELD STATION, BROOKSVILLE, FLORIDA.**

47580	ACACIA LONGIFOLIA.	A bushy acacia from Melbourne, Australia, useful as a sand binder. The bark is used for tanning sheep skins.	8
45946	ACTINIDIA CHINENSIS.	Yang tao. From near Lung to ping, Hupeh, China. Chinese climbing vine bearing fruits ranging from the size of a gooseberry to that of a good-sized plum; the flavor is slightly acid, but quite agreeable. May be eaten fresh or preserved.	5
47583	AGAVE VERSCHAFFELTII.	A variable species from southern Mexico, many varieties being in cultivation. Inflorescence rather sparse.	20
44240	BAMBOS TULDA.	Bamboo. One of the most useful plants of Bengal, found growing in great abundance. Tender young shoots, 2 feet high, are pickled and used for food. Fiber used for mats, baskets, fishingrods etc.	1000
47582	BULBINE LONGISCAPA.	A liliaceous perennial from South Africa. Leaves fleshy, 8 to 12 inches long; flower spikes a foot or more in length; flowers bright yellow.	16
43770	CAESALPINIA GILLIESII.	An ornamental shrub or small tree, native to Argentina, which bears yellow flowers with red stamens.	36
44441	CAESALPINIA MELANOCARPA.	Guayacan. Tall, spreading tree from Argentina. The hardwood is used in the manufacture of carts, etc.	29
46821	CANNA EDULIS.	Canna received from Hawaii. The tubers yield a starch closely resembling the arrowroot of commerce. 60 to 80 pounds of tubers have been dug from a single hill.	1000
47492	CARICA PAPAYA.	Papaya received from Jamaica, B. W. I. A tropical plant; bears profusely large melon-like fruits.	264
46062	CELTIS SINENSIS.	Ornamental tree from China, closely allied to the American hackberry; grows to a height of 30 feet.	20
15395	COLOCASIA ESCULENTA.	Trinidad dasheen, from West Indies. A variety of taro. Produces edible corms and tubers; similar to potato but drier and with nutty flavor.	
44745	CORYNOCARPUS LAEVIGATA.	Handsome evergreen tree from New Zealand, with glossy, laurel-like leaves, small white flowers and orange-colored fruits, the outside of which is poisonous; kernel edible.	13
45575	CRATAEGUS STIPULOSA.	A large shrub or small tree from Guatemala, producing white flowers and fruits like small apples; much used for decorative purposes and as a food when stewed and made into jellies.	38
44665	CUNNINGHAMIA LANCEOLATA.	A handsome coniferous tree native to the temperate parts of China.	32
45726	DODONAEA VISCOSA.	Evergreen shrub from Egypt, suitable for hedges; responds to pruning, and makes a compact wall of green; not hardy.	125
36706	HELICTERES OVATA.	Malvaceous shrub, from Rio de Janeiro, Brazil, somewhat resembling an Abutilon. The chief interest of this plant is the spirally twisted seed pod about the size of an almond.	5



47581	HYPERICUM CANARIENSE.	St. John's Wort. An ornamental shrub up to 15 feet in height bearing panicles of large yellow flowers; native to the Canary Islands.	36
43760	ILEX PARAGUARIENSIS.	Small evergreen tree, the dried leaves of which take the place of tea in many South American countries. Sold under the name of maté.	46
44243	INODES EXUL.	A large palmetto palm with deep green foliage, solitary fruits, and large seeds; native to Texas.	13
42860	LAWSONIA INERMIS.	Received from Colombia. Ornamental shrub; flowers fragrant; commonly called Cyprus shrub.	13
46241	LAWSONIA INERMIS.	Cypress shrub or Egyptian privet; attains a height of 8 to 10 feet.	5
44666	LIQUIDAMBAR FORMOSANA.	A handsome Chinese tree 65 to 130 feet in height with a straight trunk and much-branched head. Wood used for making tea chests.	44
42463	MARANTA ARUNDINACEA.	Arrowroot. A tropical American plant from the tuberous roots of which is prepared the arrowroot starch of commerce. (Roots or tubers) 20,000	
44888	MELIA FLORIBUNDA.	A bushy ornamental shrub or small tree from Nice, France, 8 to 10 feet in height, with pinnate leaves. Begins to blossom when one to two feet high.	13
45226	PASSIFLORA SP.	Granadilla from Oran, Argentina. An acid yellow-fruited type.	40
44854	PASSIFLORA EDULIS.	An improved strain of the granadilla, largely grown commercially for its fruits in New Zealand and Australia.	121
43437	PASSIFLORA LIGULARIS.	A perennial vine with evergreen, heart-shaped leaves and strikingly handsome green and purple flowers. The edible, soft, sweetish pulp is used in the preparation of cooling drinks, fruit syrups, and desserts.	18
43189	PTEROCARPUS MARSUPIUM.	Wide-spreading tree from South India; fine shade and street tree; yields a valuable hard wood; not hardy.	7
41265	RUBUS SP.	Raspberry growing near Lungtun, Kiangsu Province, China. A low-growing species bearing large, fine-looking, juicy mild-flavored fruits.	1000
43009	SAPINDUS SAPONARIA.	Tree from Colombia, reaching a height of 50 to 60 feet, seeds known as soap berries. The outer covering or shell contains saponine.	37
47400	SCHRANKIA SP.	Sensitive plant native to Brazil; forms a small bush; valuable as a forage plant and as a green manure.	24
46948	SOLANUM SP.	A shrub from Colombia bearing golden yellow inedible fruits, the size of duck eggs, which are used for killing cockroaches.	60
46947	SOLANUM QUITOENSE.	From subtropical Colombia. The edible fruit is employed for flavoring preserves, sweets, etc.	275
47363	STILLINGIA SEBIFERA.	Tallow tree from Central China. The seeds yield two kinds of oil: the waxy oil from the outside of the seeds and the liquid oil extracted from the seeds.	500
44670	TRACHYCARPUS EXCELSUS.	Tall-growing palm from China; large, fan-shaped, finely cut leaves; stands considerable frost.	6
44060	VITIS TILIAEFOLIA.	Grape from Guatemala. Makes a delicious jelly; especially suited to the tropics and semitropics.	60
46870	VOANDZEIA SUBTERRANEA.	The ground bean commonly used for food in Portuguese West Africa. Requires a long season to mature, but may be used green as shell beans.	52
44442	ZIZIPHUS MISTOL.	Mistol. From Argentina. Spiny tree up to 30 feet tall; bears edible black fruits one-third of an inch in diameter.	17



Name.....

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## CHECK LIST OF

## PLANTS READY FOR DISTRIBUTION

GROWN AT THE PLANT INTRODUCTION FIELD STATION, MIAMI, FLORIDA.

46237	ACHRAS ZAPOTA. Sapodilla. A small tree from the Republic of Panama. Green fruit contains gum and tannin; ripe fruit contains a luscious, brown, juicy pulp.	27
45576	ANNONA CHERIMOLA. Cherimoya from Guatemala. Fruits large and of excellent quality.	16
47318	ANNONA CHERIMOLA.	110
36562	ANNONA CHERIMOLA X SQUAMOSA. Hybrid obtained at Plant Introduction Field Station, Miami, Fla.; bears a fruit of excellent quality.	110
45181	ANNONA CHERIMOLA X SQUAMOSA.	30
46781	ANNONA DIVERSIFOLIA. Illama or Papauce from Guatemala. Bears large fruits of good quality.	220
47108	ANNONA MURICATA. Soursop. A Colombian variety producing fruit of moderate size, but of excellent quality.	75
47434	ANNONA SQUAMOSA. From Rio de Janeiro, Brazil. One of the best-flavored varieties of Brazilian sugar-apples.	100
46704	ANTIDESMA BUNIUS. Banauac. A small evergreen Philippine tree valued for its timber, its fruit, and its fiber.	45
46047	ATTALEA SP. An oil-bearing palm from Tolima, Colombia.	10
45045	BUTIA ERIOSPATHA. A very beautiful, pinnate-leaved Brazilian palm; has slightly violet-colored leaf stems.	20
44816	CAESALPINIA MELANOCARPA. Ornamental tree from Paraguay.	30
46321	CARICA SP. Mexican papaya, producing a fruit about 3 inches long and 2 inches in diameter.	35
46761	CARICA SP. A wild variety of papaya from tropical Colombia.	20
47225	CARICA SP. Papaya collected in the Cauca Valley, Colombia.	75
45246	CARICA PAPAYA. Papayas raised from seed of selected fruits.	340
45999	CARICA PAPAYA. Papaya from Richmond, Jamaica. Bears large oval fruits of good quality.	45
46334	CARICA PAPAYA. Large papaya from Tampico, Mexico, of excellent quality and large size.	8
47563	CARICA PAPAYA. From Merida, Yucatan, Mexico. Seedlings from a very fine variety of Mexican papaya.	16
41506	CARISSA CARANDAS. Karanda. Spiny hedge plant from India; bears an edible fruit.	18
11734	CARISSA GRANDIFLORA. Carissa. Spiny shrub from South Africa; bears a fine, red, plumlike fruit which makes a good jelly. Good hedge plant.	6
47565	CASIMIROA EDULIS. White sapote which originated at the Plant Introduction Field Station Miami, Fla. Bears fruits of excellent quality and good size.	125
47352	CASSIA BONARIENSIS. From Nice, France. Handsome ornamental, leguminous shrub; bears rich yellow, attractive flowers.	72
47353	CASSIA HIRSUTA. An erect, annual, hairy shrub native to Brazil.	18
46764	CORYNOCARPUS LAEVIGATA. Hawaiian tree originally from New Zealand. The wood is soft and the foliage is relished by stock.	5
19204	CRYPTOSTEGIA GRANDIFLORA. Palay rubber. Twining shrub, from India; cultivated in the tropics for its rubber.	200
46297	ELAEIS GUINEENSIS. West African oil palm.	14
46523	ERYTHRINA VARIEGATA. A Philippine tree with a showy inflorescence of brilliant red flowers.	4
13138	FICUS SYCOMORUS. Wild fig from Rhodesia, South Africa.	16
29359	FICUS UTILIS. Ornamental Ficus from East Africa.	30
44858	GUAIACUM GUATEMALENSIS. Small tree from Guatemala; often called Lignum vitae.	275



47512	GYNURA SARMENTOSA.	From Zamboanga, P. I. An attractive climbing warmhouse plant with narrow, green and purple-ribbed leaves.	140
47559	HYMENAEA COURBARIL.	From Puerto Cabello, Venezuela. A tropical tree valued as the source of the copal gum of commerce.	8
42522	INODES NEGLECTA.	Palm from Azua, Santo Domingo. Leaves large, fanlike; flower clusters drooping.	145
46641	IPOMOEA SP.	Morning-glory. From the Philippine Islands.	25
47578	JUBAEA CHILENSIS.	Palm. An ornamental but slow-growing palm from which the palm honey of Chile is made.	85
39859	LOROMA AMETHYSTINA.	Palm from Santa Barbara, Calif. Has proved well suited for outdoor planting in California.	5
46386	MORINGA OLEIFERA.	Horse-radish tree. A small ornamental Cuban tree which bears panicles of white flowers.	80
46524	ORMOSIA CALAVENSIS.	A Philippine tree, the seed of which is said to be of medicinal value.	16
46488	PAHUDIA RHOMBOIDEA.	Philippine timber tree. Wood very durable and beautifully colored. Used for cabinet work.	6
46785	PASSIFLORA SP.	Granadilla vine from Mexico. Bears brilliant crimson-scarlet fruits with slightly acid pulp.	423
19058	PERSEA AMERICANA.	Colla avocado; hard-shelled variety from Guatemala.	45
26690	PERSEA AMERICANA.	Butler avocado. A prolific regular bearer. Fruits about 15 oz. in weight, with rich yellow flesh of excellent quality. A West Indian variety.	265
26710	PERSEA AMERICANA.	Taylor avocado. Bears fruits which are slightly acid but of good quality.	20
36270	PERSEA AMERICANA.	Simmonds avocado. West Indian variety. Fruit weighs 24 oz. ; ripens late in summer; quality good.	16
46337	PERSEA AMERICANA.	Gottfried avocado. Mexican variety: Fruit ripens late August to October; quite frost resistant.	235
27570	PONGAM PINNATA.	A tree or climbing shrub valued for its wood, for the oil extracted from the seeds, and for the ash which is used as a coloring material.	110
42858	PSIDIUM GUAJAVA.	Guava. A superior Mexican variety with large pink-fleshed fruits.	40
47508	PSIDIUM GUAJAVA.	Guava. A white-fleshed form from seeds of a fine Peruvian variety.	450
47509	PSIDIUM GUAJAVA.	Guava. A pink-fleshed form raised from seeds of a Peruvian variety.	500
44920	PSIDIUM SP.	Guava. A wild, Mexican guava said to taste like a strawberry.	50
45485	PTEROGYNE NITENS.	Useful timber tree from Argentina. Wood strong; used in the manufacture of carts.	323
47100	RHOICISSUS ERYTHRODES.	A shrubby suberect Abyssinian plant with leathery green leaves, clusters of scarlet flowers, and globose fruits $\frac{1}{2}$ inch long.	20
46026	SABINEA CARINALIS.	From Dominica, B. W. I. A small ornamental tree which flowers profusely in dry, rocky situations.	100
47216	SPATHODEA CAMPANULATA.	Strikingly ornamental African tree. Head conical, studded with large, bright, orange-scarlet flowers.	725
42596	STRYCHNOS SPINOSA.	Kaffir-orange. Evergreen shrub, 8 to 10 feet high; fruit orangelike, acidulous; pulp edible.	3000
36927	SYAGRUS CORONATA.	Palm, common around Bahia, Brazil.	4
36972	SYAGRUS CORONATA.	Palm from the vicinity of Matatu, Brazil.	4
46787	VITIS SP.	Wild grape from Mexico, apparently belonging to the Muscadine group.	300
44060	VITIS TILIAEFOLIA.	From Guatemala. Seedling of a tropical grape bearing very sour fruit which makes excellent jelly.	150
44436	ZIZIPHUS MISTOL.	Mistol. A spiny tree native to Argentina, up to 30 feet in height with oval, leathery, short-stemmed leaves and edible black fruits one-third of an inch in diameter. Wood hard, red.	500
44442	ZIZIPHUS MISTOL.	Mistol. From Tucuman, Argentina.	70